

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,041,437 B2
APPLICATION NO. : 09/963693
DATED : May 9, 2006
INVENTOR(S) : Ruvkun et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page, Item [56] References Cited, in OTHER PUBLICATIONS,
On Page 1, In Myers et al., replace "et al P-TEN, the tumor suppressor from human chromosome 10q23, is a dual-specificity phosphatase." with --et al., "P-TEN, the tumor suppressor...phosphatase."--;
On Page 1, In Maehama et al., replace "et al The tumor suppressor,...3,4,5-trisphosphate." with --et al., "The tumor suppressor,...3,4,5-trisphosphate."--;
On Page 1, In Khan et al., replace "et al. Obesity and insulin resistance." with --et al., "Obesity and insulin resistance."--;
On Page 1, In Lonnqvist et al., replace "et al, Overexpressin of the obese (ob) gene in adipose tisse of obese subjects." with --et al., "Overexpression of the obese (ob) gene in adipose tissue of obese subjects."--;
On Page 1, In Ogg et al., replace "et al, The *C. elegans*...signaling pathway." with --et al., "The *C. elegans*...signaling pathway."--;
On Page 1, In Fontaine et al., replace "et al Years of life lost due to obesity." with --et al., "Years of life lost due to obesity."--;
On Page 1, In Shulman, replace "Shulman Cellular mechanisms of insulin resistance." with --Shulman, "Cellular mechanisms of insulin resistance."--;
On Page 1, In Hlrosumi et al., replace "Hlrosumi et al. A central role for JNK in obesity and insulin resistance" with --Hirosumi et al., "A central role for JNK in obesity and insulin resistance."--;
On Page 2, In Dorman et al., replace "*caenorhabditis elegans*" with --*Caenorhabditis elegans*--;
On Page 2, In Ebina et al., replace "the human...transmembrane signalling." with --The human...transmembrane signaling.--;
On Page 2, In Green et al., replace "mulitple" with --multiple--;
On Page 2, In Klass, replace "a method for the isolation of longevity mutants" with --A method for the isolation of longevity mutants--;
On Page 3, In Li et al., replace "protein protein" with --protein--;
On Page 3, In Malone et al., replace "a screen" with --A screen--;
On Page 3, In Nagasawa et al., replace "amino-terminal" with --Amino-terminal--;
On Page 3, In O'Riordan et al., replace "et a.," with --et al.,--;
On Page 3, In Patterson et al., replace "signalling" with --signaling--;
On Page 3, In Ren et al., replace "homologl" with --homolog--.

Column 22, Line 16, replace "phermone" with --pheromone--.

Column 25, Line 44, replace "phermone" with --pheromone--.

Column 33, Line 60, replace "of a such a drug" with --of such a drug--.

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Column 36,

Line 35, within Table II, replace “trangenic” with --transgenic--;
Line 51, within Table III, replace “F13B12 trangenic” with --F13B12 transgenic--;
Line 64, within Table IV, replace “non-trangenic” with --non-transgenic--.

Column 37,

Line 7, within Table IV, replace “Control trangenic” with --Control transgenic--;
Line 20, within Table V, replace “Trangenic” with --Transgenic--;
Line 46, within Table VI, replace “Control trangenic” with --Control transgenic--.

Column 39, Line 62, replace “dafpathway” with --daf pathway--.

Column 40, Line 29, replace “remodelling” with --remodeling--.

Column 42, Line 30, replace “phosphorlyation” with --phosphorylation--.

Column 49, Line 24, replace “downsteam” with --downstream--.

Column 54, Line 34, replace “promiscously” with --promiscuously--.

Column 62, Line 42, replace “candiate” with --candidate--.

Column 66, Line 48, replace “absence” with --absence--.

Column 67, Line 24, replace “Anatagonizes” with --Antagonizes--.

Column 69,

Line 17, replace “throughout” with --throughout--;
Line 48, replace “artefact” with --artifact--.

Column 70, Line 41, replace “fluorescence” with --fluorescence--.

Column 71, Line 40, replace “undetectable” with --undetectable--.

Column 75, Line 19, replace “serotoninergic” with --serotonergic--.

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Column 77,

Line 9, replace “labelled” with --labeled--;
Line 10, replace “labelled” with --labeled--.

Column 78, Line 18, replace “explemrary” with --exemplary--.

Column 81, Line 46, replace “Oceangraphics” with --Oceanographics--.

Column 82, Line 5, replace “heterogenous” with --heterogeneous--.

Column 85, Line 38, replace “gonists” with --agonists--.

Column 89,

Line 24, replace “methylscopalamine” with --methylscopolamine--;
Line 33, replace “allkaloids” with --alkaloids--.

Column 91, Line 44, replace “maintainence” with --maintenance--.

Column 92, Line 55, replace “coa” with --CoA--.

Column 102, Line 60, replace “absense” with --absence--.

Column 104, Line 51, replace “phophorylation” with --phosphorylation--.

Column 109,

Line 44, replace “pedigress” with --pedigrees--.
Line 67, replace “heterozyous” with --heterozygous--.

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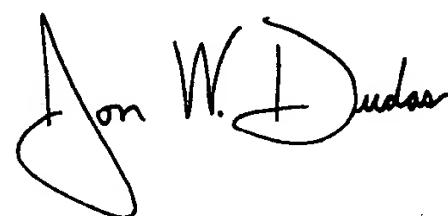
INVENTOR(S) : Ruvkun et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 114, Line 58, replace "Altemtaively" with --Alternatively--.

Signed and Sealed this

Twelfth Day of June, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office